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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application Number	09/587,542
Filing Date	June 1, 2000
First Named Inventor	Luby, Michael G.
Group Art Unit	2756
Examiner Name	

Attorney Docket Number

019186-001610US

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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AMB	1.	6,292,514		Yamaguchi, et al.	09/18/01	
AMB	2.	5,992,737		Kubota	11/30/99	
AMB	3.	5,889,794		Mo, et al.	03/30/9	
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AMB	5.	6,307,487		Luby	10/23/01	
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AMB	12.	4,365,338		McRae, et al.	12/21/82	
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AMB	19.	6,073,250		Luby, et al.	06/06/00	
AMB	20.	6,081,909		Luby, et al.	06/27/00	
AMB	21.	6,081,918		Spielman	06/27/00	
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AMB	25.	6,185,265		Campanella	02/06/01	
AMB	26.	5,936,949		Pasternak, et al.	08/10/99	
AMB	27.	5,835,165		Keale, et al.	11/10/98	

Examiner Signature	<i>Michael G. Luby</i>	Date Considered	5/7/03
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
AMB	28.	WIPO	WO 01/58130 A2		Rajwan	8/9/2001		
AMB	29.	WIPO	WO 01/58131 A2		Yosef, et al.	8/9/2001		
AMB	30.	WIPO	WO 01/57667 A1		Rajwan, et al.	8/9/2001		
AMB	31.	EPO	EP 0 854 650 A2		Djupsjöbacka, et al.	07/22/98		
AMB	32.	WIPO	WO 96 34463 A		Vaman, et al.	10/31/96		

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ANB	33.	ALON, et al., "Linear Time Erasure Codes With Nearly Optimal Recovery," Proceedings Of The Annual Symposium On Foundations Of Computer Science, US, Los Alamitos, IEEE Comp. Soc. Press, Vol. Symp. 36, Pages 512-516 (October 23, 1995), XP 000557871	
ANB	34.	BIGLOO, et al. "A Robust Rate-Adaptive Hybrid ARQ Scheme For Frequency-Hopped Spread-Spectrum Multiple-Access Communication Systems" IEEE Journal On Selected Areas In Communications, US, IEEE Inc, New York, (June 1 1994) pages 917-924, XP0000464977	
ANB	35.	BLÖMER, et al., "An XOR-Based Erasure-Resilient Coding Scheme," ICSI Technical Report No. TR-95-048 (1995) [avail. at ftp://ftp.icsi.berkeley.edu/pub/techreports/1995/tr-95-048.pdf]	
ANB	36.	BYERS, et al., "A Digital Fountain Approach to Reliable Distribution of Bulk Data", International Computer Science Institute Technical Report TR-98-013 (May, 1998) [available at ftp://ftp.icsi.berkeley.edu/pub/techreports/1998/tr-98-013.pdf]	
ANB	37.	BYERS, et al., "Accessing Multiple Mirror Sites in Parallel: Using Tornado Codes to Speed Up Downloads," International Computer Science Institute Technical Report TR-98-021 (1998) [available at http://www.icsi.berkeley.edu/~luby/PAPERS/mirrdown.ps]	
ANB	38.	BYERS, et al. "Accessing Multiple Mirror Sites In Parallel: Using Tornado Codes To Speed Up Downloads" Proceeding IEEE Infocom. The Conference On Computer Communications, US New York, (March 21 1999) pages 275-283, XP000868811	
ANB	39.	ESAKI, et al. "Reliable IP Multicast Communication Over ATM Networks Using Forward Error Correction Policy" IEICE Transactions On Communications, JP, Institute of Electronics Information and Comm. ENG. Tokyo, vol. E78-V, No. 12, (December 1995), pages 1622-1637, XP000556183	

Examiner Signature	<i>Alvin Busters</i>	Date Considered	5/7/03
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ANB	40.	LUBY, et al., "Analysis of Low Density Codes and Improved Designs Using Irregular Graphs", International Computer Science Institute Technical Report TR-97-045 (November, 1997) [available at ftp://ftp.icsi.berkeley.edu/pub/techreports/1997/tr-97-045.pdf]	
ANB	41.	LUBY, et al., "Analysis of Random Processes via And-Or Tree Evaluation," ICSI Technical Report No. TR-97-042 (1997) and Proceedings of the 9th Annual ACM Symposium on Discrete Algorithms (1998) [available at ftp://ftp.icsi.berkeley.edu/pub/techreports/1997/tr-97-042.pdf]	
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Examiner Signature	<i>Shin Bulut</i>	Date Considered	5/7/03
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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ANB	47.	VICISANO, et al., "TCP-like Congestion Control for Layered Multicast Data Transfer", IEEE Infocom '98 (San Francisco, CA, Mar. 28-Apr. 1, 1998)	
ANB	48.	McCANNE, et al., "Receiver-Driven Layered Multicast", Proc. ACM SIGCOMM, pp. 117-130 (Stanford, CA, August 1996)	

Examiner Signature

Alvin Burtet

Date Considered

5/7/03

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